



Europass Curriculum Vitae

Personal information

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Work experience

October 2006 – now	Associate professor in Computer Science at the Dipartimento di Informatica of the Università degli Studi di Torino.
July 1999 – September 2006	Researcher in Computer Science at the Dipartimento di Informatica of the Università degli Studi di Torino.
November 1998 – July 1999	Research fellow at Dipartimento di Informatica of the Università degli Studi di Torino with a grant from Consiglio Nazionale delle Ricerche.
March 1998 – October 1998	Research fellow at "Laboratoire d'Informatique de Marseille – URA-CNRS", Faculté de Sciences des Luminy, Université de Aix-Marseille II with a grant from Consiglio Nazionale delle Ricerche.

Education and training

May 1998	Ph.D in Computer Science at the Università degli Studi di Torino. Supervisor: prof. Alberto Martelli. The title of the Ph.D Thesis: "Normal Multimodal Logics: Automatic Deduction and Logic Programming Extension". Reviewers: prof. Mariangiola Dezani (Univ. di Torino), prof. Paola Mello (Univ. di Bologna), and prof. Camilla Schwind (URA-CNRS, Marseille).
February 1993	Laurea degree "summa cum laude" in Computer Science at the Università degli Studi di Torino.

Scientific activity

In the last years the research activity of Matteo Baldoni focused on the areas of *Engineering of Multiagent Systems*, *Social Computing*, and *Knowledge Representation and Reasoning*, with particular interest on the use of methodologies and techniques derived from *computational logic*.

In particular, he worked on specification and verification of multi-agent interaction protocols, on methodologies for commitment-based protocols and cross-organizational business protocols, and on accountability for business processes. He also contributed to multi-agent programming by introducing commitment-based interaction in agent platforms such as JADE and JaCaMo.

In the past, he worked on interoperability and conformance verification of interaction protocols, on reasoning by actions, on extensions of logic programming languages, on modeling and reasoning on curricula in the semantic web settings, on introduction of roles and relations in object and agent oriented programming languages, on flexible semantic match making for service retrieval, on fractal feature extraction for recognition of numbers and complex shapes.

Steering committee membership

2016 – now	International Conference on Principles and Practice of Multi-Agent Systems, PRIMA.
2015 – now	International Workshop on Normative Multi-Agent Systems, NorMAS.
2012 – now	International Workshop on Engineering Multiagent Systems, EMAS.
2011 – now	Associazione Italiana per l'Intelligenza Artificiale, AI*IA.
2004 – now	National Workshop From Object to Agents, WOA.
2008 – 2012	International Workshop on Declarative Agent Languages and Technologies, DALT.
2006 – 2010	Matteo Baldoni chairs the working group <i>Sistemi ad Agenti e Multiagente</i> of the Italian Association for Artificial Intelligence.

(Co-)chair and organizing committee membership

2017	International Workshop on Computational Accountability and Responsibility in Multi-agent System, CARE-MAS 2017 (Workshop-Chair).
2016	International Conference on Principles and Practice of Multi-Agent Systems, PRIMA 2016 (Program-Chair).
2016	International Workshop on Engineering Multiagent Systems, EMAS 2016 (Co-Chair).
2015	International Conference on Principles and Practice of Multi-Agent Systems, PRIMA 2015 (Workshop-Chair).
2015	International Workshop on Engineering Multiagent Systems, EMAS 2015 (Co-Chair).
2014	International Workshop on Normative Multi-Agent Systems, NorMAS 2014 (Co-Chair).
2013	XIII Conference of the Italian Association for Artificial Intelligence, AI*IA 2013 (General-Chair and Program-Chair).
2012, 2013	National Workshop Popularize Artificial Intelligence, PAI 2012, 2013, co-located with the Conference of the Italian Association for Artificial Intelligence (Co-Chair).
2005, 2006, 2007, 2008, and 2012	International Workshop on Declarative Agent Languages and Technologies, DALT, co-located with the International Joint Conference on Autonomous Agents and Multiagent Systems (Co-Chair).
2004, 2007, 2008, and 2013	National Workshop From Object to Agents, WOA (Co-Chair).
2007 and 2009	International Workshop Agents, Web Services, and Ontologies: Integrated Methodologies, AWESOME (Co-Chair).

Program committee membership

Matteo Baldoni has been area chair (Engineering Multiagent Systems) of AAMAS 2018.

Matteo Baldoni has been senior program committee member of AAMAS 2015 and 2016.

Matteo Baldoni has been program committee member of various international events such as IJCAI, AAAI, AAMAS, EUMAS, WEBIST, EMAS, ProMAS', WS-FM, LADS, RuleML.

Editorial activity

2016 – now	Editorial Board of electronic newsletter of the Association for Logic Programming, Co-editor for the area of MULTI AGENT SYSTEMS.
2016 – now	Editorial Board, International Journal of Agent-Oriented Software Engineering (IJAOSSE), Inderscience Publisher.
2015 – now	Associate editor, Ceur workshop proceedings, responsible of the AI*IA subseries.
2015 – now	Associate editor, International Journal of Intelligenza Artificiale, IOS Press.
2017	Co-editor of the journal special issue "Multiagent Systems Engineering and Applications" of the international journal Agent Oriented Multi-Agent Systems (to appear).
2016	Co-editor of the journal special issue "Agent-based System Engineering" of the international journal Agent Oriented Multi-Agent Systems (to appear).
2016	Co-editor of the volume "Engineering Multi-Agent Systems: Forth International Workshop, EMAS 2016", Revised Selected, and Invited Papers, volume 10093 of Lecture Notes in Artificial Intelligence (LNAI). Springer.
2016	Co-editor of of the volume "Principles and Practice of Multi-Agent Systems: International Workshops: IWEC 2014, CMNA XV, IWEC 2015", Revised Selected Papers, volume 9535 of Lecture Notes in Artificial Intelligence (LNAI). Springer.
2016	Co-editor of the volume "PRIMA 2016: Principles and Practice of Multi-Agent Systems: 19th International Conference", volume 9862 of Lecture Notes in Artificial Intelligence (LNAI). Springer.
2015	Co-editor of the volume "Engineering Multi-Agent Systems: Third International Workshop, EMAS 2015, Revised Selected, and Invited Papers, volume 9318 of Lecture Notes in Artificial Intelligence (LNAI), Istanbul, Turkey, 2015. Springer.
2013	Co-editor of the volume "AI*IA 2013: Advances in Artificial Intelligence, XIII International Conference of the Italian Association for Artificial Intelligence", volume 8249 of Lecture Notes in Artificial Intelligence (LNAI), Springer.
2013	Co-editor of the journal special issue "25 years of AI*IA". Journal of Intelligenza Artificiale, 7(2):69.
2004, 2007, 2008, 2013	Co-editor of the proceedings of the national workshop WOA "From Objects To Agents".
2012, 2013	Co-editor of the proceedings of the "Popularize Artificial Intelligence, PAI.
2005, 2006, 2007, 2008, 2009, 2012	Co-editor of the post-proceedings of the international workshop DALT "Declarative Agent Languages and Technologies", the volumes are published in Springer's Lecture Notes in Computer Science series, volume numbers 3904, 4327, 4897, 5397, 5948.
2011	Co-editor of the volume "E-learning con Moodle in Italia: una sfida tra passato, presente e futuro". Collana "I Manuali". Seneca Edizioni.
2011	Co-editor of the journal special issue "A journey in Computational Logic in Italy", Journal of Intelligenza Artificiale, 5(1).
2010	Co-editor of the journal special issue "Agents, Web Services and Ontologies: Integrated Methodologies" of the international journal Multi-Agent and Grid Systems, 6(2).
2007, 2009	Co-editor of the proceedings of the international workshop MALLOW-AWESOME "Agents, Web Services and Ontologies: Integrated Methodologies".

Projects

- 2015 – 2017 AThOS: "Accountable Trustworthy Organizations and Systems" funded by Università degli Studi di Torino and Compagnia di San Paolo (CSP 2014).
- 2013 – 2015 PIE VERDE: "Piattaforma Ibridi Elettrici. Veicoli E Reti di Distribuzione Ecosostenibili", funded by Regione Piemonte.
- 2007 – 2008 Vigoni exchange program with the University of Hannover (Germany).
- 2007 – 2008 "I-learn e didattica interattiva a distanza", funded by Compagnia di San Paolo.
- 2005 – 2007 MIUR, "Specifica e verifica di protocolli di interazione fra agenti", national coordinator: prof. A. Martelli.
- 2004 – 2007 Network of Excellence del VI framework, 2004-05-06-07, "REWERSE, REasoning on the WEb with Rules and SEmantics", coordinator: prof. F. Bry.
- 2003 – 2005 MIUR, "MASSiVE, Sviluppo e verifica di sistemi multiagente basati sulla logica", coordinator: prof. A. Martelli.
- 2002 – 2003 RAI-Centro Ricerche e Innovazione Tecnologica, 2002-03, "Rappresentazione e trattamento di materiale audio-visivi" coordinator: prof. M. L. Sapino.
- 1999 – 2000 MURST, "Agenti intelligenti: interazione, ragionamento e acquisizione di conoscenza", coordinator: prof. F. Turini.
- 1998 Centro Nazionale delle Ricerche (CNR), "Estensioni modali della programmazione logica e programmazione ad oggetti", coordinator: prof. A. Martelli.
- 1997 – 1998 MURST, "Rappresentazione della conoscenza e meccanismi di ragionamento" coordinator: prof. A. Martelli.

Awards

- 2015 Best Paper Award in memory of Giovanni Soda: M. Baldoni, C. Baroglio, F. Capuzzi-mati, and R. Micalizio. Empowering Agent Coordination with Social Engagement. In M. Gavanelli, E. Lamma, and F. Riguzzi, editors, AI*IA 2015: Advances in Artificial Intelligence, XIV International Conference of the Italian Association for Artificial Intelligence, volume 9336 of LNAI, pages 89-101, Ferrara, Italy, September 2015. Springer.
- 2011 Best Paper Award: M. Baldoni, C. Baroglio, V. Patti, and P. Rena. From Tags to Emotions: Ontology-driven Sentiment Analysis in the Social Semantic Web. In C. Lai, G. Semeraro, and E. Vargiu, editors, 5th International Workshop on New Challenges in Distributed Information Filtering and Retrieval, Palermo, Italy, September 2011. CEUR, Workshop Proceedings.
- 2011 Best Track Paper Award: M. Baldoni, C. Baroglio, E. Marengo, and V. Patti. Supporting the Analysis of Risks of Violation in Business Protocols: the MiFID Case Study. In M. De Marco, D. Te'eni, V. Albano, and S. Za, editors, Information Systems: Crossroads for Organization, Management, Accounting and Engineering, pages 545-553. Springer, 2012.

PhD Programs memberships

- 2011 – 2014 Università degli Studi di Torino, "Dottorato in Informatica", Ciclo: XXVII (3 years).
- 2012 – now Università degli Studi di Bologna, "Law, Science and Technology", Ciclo: XXVIII-XXXI (all 3 years).

Faculty services

- 2016 – now Responsible of the curriculum "Sistemi per il trattamento dell'informazione" ("Intelligenza Artificiale e Sistemi Informatici" from 2017) of the master degree in Computer Science of the Università degli Studi di Torino.
- 2016 – now Chair of the "Commissione Ammissioni Laurea Magistrale", Consiglio di Corsi di Studi in Informatica di Torino.
- 2012 – 2015 Member of the "Commissione Orientamento", Dipartimento di Informatica di Torino.
- 2003 – 2015 Member of the "Commissione per E-Learning", Consiglio dei Corsi di Studi in Informatica di Torino.

2004 – 2012

Chair of the "Commissione per il Web della Didattica", Consiglio dei Corsi di Studi in Informatica di Torino. From January 1999 he was member of that committee.

2001 – 2006

Member of "Commissione Didattica", Consiglio di Corsi di Studi in Informatica.

Theaching activities

1999 – now

From the academic year 1999/2000 he had lessons at the following sites: Facoltà di Scienze MM.FF.NN dell'Università degli Studi di Torino, Facoltà di Psicologia dell'Università degli Studi di Torino, Facoltà di Scienze Politiche dell'Università degli Studi di Torino, Facoltà di Lettere e Filosofia, Università degli Studi di Torino, Facoltà di Scienze MM.FF.NN dell'Università del Piemonte Orientale "Amedeo Avogadro", Scuola di Applicazione d'Arma di Torino, COREP (Consorzio per la Ricerca e l'Educazione Permanente) di Torino, Scuola di Amministrazione Aziendale dell'Università degli Studi di Torino, Fondazione per le Biotecnologie di Torino.

Other activities

2014 – now

Member of Board of Director of Nomotika s.r.l P.Iva 10236330014 R.E.A: 1115997 Via Pavia 11/B 10098 Rivoli.

Publications

1993 – now

Matteo Baldoni has published more than 140 papers, 25 journal papers, 14 book chapters, more than 100 conference and workshop papers. The complete list is available here: <http://di.unito.it/baldonibibcat> (by category), <http://di.unito.it/baldonibibyear> (by year).

According Google Scholar the H-index of Matteo Baldoni is 30.